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FILE 'HOME' ENTERED AT 09:28:28 ON 26 JAN 2005

FILE 'AGRICOLA' ENTERED AT 09:28:40 ON 26 JAN 2005

FILE 'CAPLUS' ENTERED AT 09:28:40 ON 26 JAN 2005
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FILE 'BIOSIS' ENTERED AT 09:28:40 ON 26 JAN 2005
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=> s gene silenc? or co-suppress? or cosuppress? or rna silenc?
L1 7760 GENE SILENC? OR CO-SUPPRESS? OR COSUPPRESS? OR RNA SILENC?

=> s l1 and exonuclease
L2 16 L1 AND EXONUCLEASE

```
=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3          10 DUP REM L2 (6 DUPLICATES REMOVED)
```

=> d 1-10 ti

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
TI Know-how of RNA interference and its applications in research and therapy

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene silencing

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI RNase III-mediated degradation of unspliced pre-mRNAs and lariat introns

L3 ANSWER 4 OF 10 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2

TI A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional silencing in *Arabidopsis*. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI Chimeric oligonucleotides based on 2'-O-modified oligoribonucleotides with
the terminal 3'-3' internucleotide linkage as potential inhibitors of MDR
1 gene expression

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
TI ROS1, a repressor of transcriptional gene silencing in Arabidopsis. encodes a DNA glycosylase/lvase

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
TI Molecular characterisation of RecO homologues in *Arabidopsis thaliana*

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4
TI Silencing of B-1,3-glucanase genes in tobacco correlates with an

increased abundance of RNA degradation intermediates

- L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5
TI Suppression of RecJ **exonuclease** mutants of Escherichia coli by
alterations in DNA helicases II (uvr D) and IV (helD)

=> d 2 ab

- L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AB The present invention relates to methods to regulate gene expression in plants. In particular, manipulation of the expression in a plant cell of a nucleotide sequence encoding a polypeptide comprising a 3'-5' **exonuclease** domain is disclosed. More stable and predictable expression is thus obtained. The present invention also relates to method of increasing or decreasing post-transcriptional silencing. The invention further relates to novel nucleic acid mols. comprising nucleotide sequences encoding polypeptides comprising a 3'-5' **exonuclease** domain.

=> d 2 pi

| L3 | ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------------|------|----------|-----------------|----------|
| PI | WO 2003027257 | | A2 | 20030403 | WO 2002-US30895 | 20020927 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

=> d 3 ab

- L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AB Double-stranded RNA (dsRNA) has emerged as a modulator of gene expression, from **gene silencing** to antiviral responses. Here we show that dsRNA stem-loop structures found in intronic regions of the *Saccharomyces cerevisiae* RPS22B and RPL18A transcripts trigger degradation of unspliced pre-mRNAs and lariat introns and can control the level of mRNA produced from these intron-containing genes. The dsRNA regions are cleaved by Rnt1p, the yeast homolog of RNase III, which creates an entry site for complete degradation by the Xrn1p and Rat1p exonucleases and by the nuclear exosome. These results identify an alternative discard pathway for precursors and products of the splicing machinery and a physiol. function for dsRNA in eukaryotic RNA catabolism.

=> d 4 ab

- L3 ANSWER 4 OF 10 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 2
- AB Post-transcriptional **gene silencing** (PTGS) and the closely related phenomenon RNA interference (RNAi) result from the initial endonucleolytic cleavage of target mRNAs, which are then presumed to be

completely hydrolyzed by exoribonucleases. To date, no plant genes required for PTGS are known to encode exoribonucleases. The *Arabidopsis Werner Syndrome-like exonuclease* (WEX) gene encodes an RNase D domain most similar to that in human Werner Syndrome protein (WRN), but lacks the RecQ helicase domain. It is also related to *Caenorhabditis elegans* mut-7, which is essential for RNAi, PTGS, and transposon activity. We isolated a loss-of-function mutant, wex-1, that showed greatly reduced expression of WEX mRNA and early flowering. Although wex-1 did not affect expression of a robust marker for transcriptional gene silencing (TGS), PTGS of a green-fluorescent-protein (GFP) reporter gene was blocked in wex-1 and restored by ectopic expression of WEX, indicating that WEX is required for PTGS but not TGS. Thus, members of the RNase D protein family are required for PTGS in both plants and animals. Interestingly, WEX has been shown to interact with an *Arabidopsis* RecQ helicase, suggesting that these proteins might comprise a functional equivalent of WRN.

=> d 4 so

L3 ANSWER 4 OF 10 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 2
SO Plant journal, 2003 Aug. Vol. 35, no. 3 p. 342-349
ISSN: 0960-7412

=> d 5 ab

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
AB The present invention relates to methods to regulate gene expression in plants. In particular, manipulation of the expression in a plant cell of a nucleotide sequence encoding a polypeptide comprising a 3'-5' exonuclease domain is disclosed. More stable and predictable expression is thus obtained. The present invention also relates to method of increasing or decreasing post-transcriptional silencing. The invention further relates to novel nucleic acid mols. comprising nucleotide sequences encoding polypeptides comprising a 3'-5' exonuclease domain.

=> d 5 pi

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|--|----------|-----------------|----------|
| PI | WO 2002010362 | A2 | 20020207 | WO 2001-EP8825 | 20010730 |
| | WO 2002010362 | C2 | 20020919 | | |
| | WO 2002010362 | A3 | 20030130 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | US 2003166227 | A1 | 20030904 | US 2001-896186 | 20010629 |
| | CA 2416710 | AA | 20020207 | CA 2001-2416710 | 20010730 |
| | EP 1305405 | A2 | 20030502 | EP 2001-962889 | 20010730 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |

JP 2004504839

T2 20040219

JP 2002-516281

20010730

=> s ((levin, j?) or (levin j?))/au
L4 2108 ((LEVIN, J?) OR (LEVIN J?))/AU

=> s 14 and exonuclease
L5 11 L4 AND EXONUCLEASE

=> dup rem 15
PROCESSING COMPLETED FOR L5
L6 7 DUP REM L5 (4 DUPLICATES REMOVED)

=> d 1-7 ti

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene silencing

L6 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.). DUPLICATE 1

L6 ANSWER 3 OF 7 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1

TI A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' exonuclease domain and methods of controlling gene expression and gene silencing in plants

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
TI In vitro detection of endonuclease IV-specific DNA damage formed by bleomycin in vivo

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
TI Analysis of class II (hydrolytic) and class I (β -lyase) apurinic/apyrimidinic endonucleases with a synthetic DNA substrate

L6 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI ENZYMATIC REPAIR OF SPECIFIC OXIDATIVE DAMAGES TO DNA DEOXYRIBOSE IN ESCHERICHIA-COLI.

=> d 3 ab

L6 ANSWER 3 OF 7 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1

AB Post-transcriptional gene silencing (PTGS) and the closely related phenomenon RNA interference (RNAi) result from the initial endonucleolytic cleavage of target mRNAs, which are then presumed to be completely hydrolyzed by exoribonucleases. To date, no plant genes required for PTGS are known to encode exoribonucleases. The Arabidopsis Werner Syndrome-like exonuclease (WEX) gene encodes an RNase D domain most similar to that in human Werner Syndrome protein (WRN), but lacks the RecQ helicase domain. It is also related to *Caenorhabditis elegans* mut-7, which is

essential for RNAi, PTGS, and transposon activity. We isolated a loss-of-function mutant, wex-1, that showed greatly reduced expression of WEX mRNA and early flowering. Although wex-1 did not affect expression of a robust marker for transcriptional gene silencing (TGS), PTGS of a green-fluorescent-protein (GFP) reporter gene was blocked in wex-1 and restored by ectopic expression of WEX, indicating that WEX is required for PTGS but not TGS. Thus, members of the RNase D protein family are required for PTGS in both plants and animals. Interestingly, WEX has been shown to interact with an *Arabidopsis* RecQ helicase, suggesting that these proteins might comprise a functional equivalent of WRN.

=> d 3 so

L6 ANSWER 3 OF 7 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1
SO Plant journal, 2003 Aug. Vol. 35, no. 3 p. 342-349
ISSN: 0960-7412

=> 14 and (silenc? or cosuppress?)

L4 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (>).

=> s 14 and (silenc? or cosuppress?)

L7 9 L4 AND (SILENC? OR COSUPPRESS?)

=> dup rem 17

PROCESSING COMPLETED FOR L7

L8 6 DUP REM L7 (3 DUPLICATES REMOVED)

=> d 1-6 ti

L8 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene silencing

L8 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional silencing in *Arabidopsis*. Correction of author names.).

L8 ANSWER 3 OF 6 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1

TI A gene encoding an RNase D exonuclease-like protein is required for post-transcriptional silencing in *Arabidopsis*. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L8 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' exonuclease domain and methods of controlling gene expression and gene silencing in plants

L8 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

TI The effects of matrix attachment regions on RNA-mediated virus resistance

L8 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2

TI Methods of double-stranded RNA-mediated gene inactivation in *Arabidopsis*

and their use to define an essential gene in methionine biosynthesis

=> s ((phillips k?) or (phillips, k?))/au
L9 1146 ((PHILLIPS K?) OR (PHILLIPS, K?))/AU

=> s 19 and exonuclease
L10 5 L9 AND EXONUCLEASE

=> dup rem 110
PROCESSING COMPLETED FOR L10
L11 3 DUP REM L10 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L11 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D
exonuclease-like protein is required for post-transcriptional
silencing in Arabidopsis. Correction of author names.).

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(2005) on STN DUPLICATE 1
TI A gene encoding an RNase D exonuclease-like protein is required
for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v.
36, number 5, p. 741.]

L11 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants

=> s ((glazov e?) or (glavoz, e?))/au
L12 27 ((GLAZOV E?) OR (GLAVOZ, E?))/AU

=> dup rem 112
PROCESSING COMPLETED FOR L12
L13 24 DUP REM L12 (3 DUPLICATES REMOVED)

=> s 113 and exonuclease
L14 3 L13 AND EXONUCLEASE

=> d 1-3 ti

L14 ANSWER 1 OF 3 AGRICOLA Compiled and distributed by the National
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(2005) on STN

TI A gene encoding an RNase D exonuclease-like protein is required
for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v.
36, number 5, p. 741.]

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants

L14 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D
exonuclease-like protein is required for post-transcriptional
silencing in Arabidopsis. Correction of author names.).

=> s plant and transgenic and exonuclease
L15 12 PLANT AND TRANSGENIC AND EXONUCLEASE

=> dup rem 115
PROCESSING COMPLETED FOR L15
L16 11 DUP REM L15 (1 DUPLICATE REMOVED)

=> d 1-11 ti

L16 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI The Nanoarchaeum equitans genome and its putative open reading frames encoding polypeptides and their uses

L16 ANSWER 2 OF 11 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Differences in the processing of DNA ends in *Arabidopsis thaliana* and tobacco: possible implications for genome evolution.

L16 ANSWER 3 OF 11 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI A gene encoding an RNase D **exonuclease-like** protein is required for post-transcriptional silencing in *Arabidopsis*. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L16 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Genes essential for early growth of *Arabidopsis thaliana* and their use in the development of novel herbicides

L16 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Whole cell engineering by mutagenizing a substantial portion of a starting genome and combining mutations with optional reiteration

L16 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Detection of nucleic acids by selective depolymerization of probes hybridized to a target sequence and detection of specific hydrolysis products

L16 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Generation of genetic vaccines and immunomodulatory polynucleotides by non-stochastic directed evolution techniques

L16 ANSWER 8 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI Interaction between composite elements in the napA promoter: Both the B-box ABA-responsive complex and the RY/G complex are necessary for seed-specific expression.

L16 ANSWER 9 OF 11 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI Interaction between composite elements in the napA promoter: both the B-box ABA-responsive complex and the RY/G complex are necessary for seed-specific expression.

L16 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Silencing of β-1,3-glucanase genes in tobacco correlates with an increased abundance of RNA degradation intermediates

L16 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Application of PCR to **transgenic** plants

=> s ((budziszewski, g?) or (budziszewski g?))/au
L17 0 ((BUDZISZEWSKI, G?) OR (BUDZISZEWSKI G?))/AU

=> s ((budziszewski, g?) or (budziszewski g?))/au
L18 27 ((BUDZISZEWSKI, G?) OR (BUDZISZEWSKI G?))/AU

=> s l18 and exonuclease
L19 6 L18 AND EXONUCLEASE

=> dup rem l19
PROCESSING COMPLETED FOR L19
L20 4 DUP REM L19 (2 DUPLICATES REMOVED)

=> d 1-4 ti

L20 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequence of RNase D domain protein of rice and methods of controlling gene expression and gene silencing

L20 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.).

L20 ANSWER 3 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 1
TI A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L20 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5' **exonuclease** domain and methods of controlling gene expression and gene silencing in plants

=> s ((meins, f) or (meins f?))/au
L21 350 ((MEINS, F) OR (MEINS F?))/AU

=> s l21 and exonuclease
L22 5 L21 AND EXONUCLEASE

=> dup rem l22
PROCESSING COMPLETED FOR L22
L23 3 DUP REM L22 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L23 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D **exonuclease**-like protein is required for post-transcriptional silencing in Arabidopsis. Correction of author names.).

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(2005) on STN DUPLICATE 1
TI A gene encoding an RNase D **exonuclease**-like protein is required

for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v. 36, number 5, p. 741.]

L23 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants

=> s ((glazov e?) or (glazov, e?))/au
L24 27 ((GLAZOV E?) OR (GLAZOV, E?))/AU

=> s l24 and exonuclease
L25 5 L24 AND EXONUCLEASE

=> dup rem l25
PROCESSING COMPLETED FOR L25
L26 3 DUP REM L25 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L26 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI (Correction of Previews 200300410092. A gene encoding an RNase D
exonuclease-like protein is required for post-transcriptional
silencing in Arabidopsis. Correction of author names.).

L26 ANSWER 2 OF 3 AGRICOLA Compiled and distributed by the National
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(2005) on STN DUPLICATE 1
TI A gene encoding an RNase D **exonuclease**-like protein is required
for post-transcriptional silencing in Arabidopsis. [Erratum: 2003 Dec., v.
36, number 5, p. 741.]

L26 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNA and protein sequences of novel polypeptides comprising a 3'-5'
exonuclease domain and methods of controlling gene expression and
gene silencing in plants

WEST Search History



DATE: Wednesday, January 26, 2005

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Hit Count

DB=PGPB,USPT; PLUR=YES; OP=ADJ

| | | | |
|--------------------------|----|---|-----|
| <input type="checkbox"/> | L3 | L2 and 3-5 exonuclease | 12 |
| <input type="checkbox"/> | L2 | L1 and plant | 701 |
| <input type="checkbox"/> | L1 | exonuclease and (silenc\$ or co-suppres\$ or cosuppres\$) | 882 |

END OF SEARCH HISTORY